



Thu Feb 20 11:10:39 2003

QY 522 AGTGACCACCGACTACGTGGCTCTTTCACC 552  
 Db 335717 CGGCGCCGAGAGCAGGCCGGCTTGCCGCC 335747

## RESULT 2

```

US-09-103-840A-1
; Sequence 1, Application US/09103840A
; Patent No. 6294328
; GENERAL INFORMATION:
; APPLICANT: FLETSCHMAN, Robert D.
; APPLICANT: WHITE, Owen R.
; APPLICANT: FRASER, Claire M.
; APPLICANT: VENTER, John C.
; TITLE OF INVENTION: DNA SEQUENCES F
; TITLE OF INVENTION: TUBERCULOSIS
; FILE REFERENCE: 24366-20007.00
; CURRENT APPLICATION NUMBER: US/09/1
; CURRENT FILING DATE: 1998-06-24
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO: 1411529
; LENGTH: 4411529
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
; OTHER INFORMATION: H37RV
US-09-103-840A-1

```

```
Query Match      2.7%; Score 38.2; DB 4; Length 4411529;
Best Local Similarity 44.7%; Pred. No. 6.5;
Matches 148: Conservative 0; Mismatches 183; Indels 0;
```

[illegible]

### RESULT 3

```

US-08-943-731-1/c
; Sequence 1, Application US/08943731
; Patent No. 6265157
;
; GENERAL INFORMATION:
;
; APPLICANT: PROCKOP, DARWIN J.
;
; APPLICANT: SPOTILA, LORETTA D.
;
; APPLICANT: DELTAS, CONSTANTINOS D.
;
; APPLICANT: SEREDA, LARISA
;
; APPLICANT: LARSON, ANDREA W.
;
; APPLICANT: PACK, MICHAEL
;
; APPLICANT: COLIGE, ALAIN
;
; APPLICANT: EARLY, JAMES
;
; APPLICANT: KORRKO, JARMO
;
; APPLICANT: ALA-KORRKO, LEENA, et al.
;
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DETECTING

```

TITLE OF INVENTION: ALTERED TYPE I OR TYPE IX COLLAGEN GENE SEQUENCES  
 NUMBER OF SEQUENCES: 666  
 CORRESPONDENCE ADDRESS:  
 ADDRESSEE: PANITCH SCHWARZE JACOBS & NADEL, P.C.  
 STREET: ONE COMMERCE SQUARE, 2005 MARKET STREET, 22ND  
 STREET: FLR.  
 CITY: PHILADELPHIA  
 STATE: PA  
 COUNTRY: USA  
 ZIP: 19103-7086  
 COMPUTER READABLE FORM:  
 MEDIUM TYPE: Floppy disk  
 COMPUTER: IBM PC compatible  
 OPERATING SYSTEM: PC-DOS/MS-DOS  
 SOFTWARE: PatentIn Release #1.0, Version #1.30  
 CURRENT APPLICATION DATA:  
 APPLICATION NUMBER: US/08/943,731  
 FILING DATE: 03-OCT-1997  
 CLASSIFICATION: 435  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 08/212,322  
 FILING DATE: 14-MAR-1994  
 PRIOR APPLICATION DATA:  
 APPLICATION NUMBER: US 07/803,628  
 FILING DATE: 03-DEC-1991  
 ATTORNEY/AGENT INFORMATION:  
 NAME: DOYLE LEARY Ph.D., KATHRYN  
 REGISTRATION NUMBER: 36,317  
 REFERENCE/DOCKET NUMBER: 9598-27  
 TELECOMMUNICATION INFORMATION:  
 TELEPHONE: 215-965-1284  
 TELEFAX: 215-567-2991  
 TELEX: 831-494  
 INFORMATION FOR SEQ ID NO: 1:  
 SEQUENCE CHARACTERISTICS:  
 LENGTH: 18609 base pairs  
 TYPE: nucleic acid  
 STRANDEDNESS: single  
 TOPOLOGY: linear  
 MOLECULE TYPE: DNA (genomic)  
 OS-08-943-731-1

Query Match	2.7%	Score 37.4	DB 4	Length 18609
Best Local Similarity	47.6%	Pred. No. 0.88		
Matches 110	Conservative	0	Mismatches 121	Indels 0
Gaps				
Qy 470	TCGTGCTCAGTGTAACTGTGGCTTCTACCGAAACCGCTCTGGACGCGAGTCAACCA	529		
Db 6351	TCGGGACACTTACAGCAGGGCCAGCAGCCAGCGAGCCAGGGGGCCAGCTCAACA	6292		
Qy 530	CCGACTACGTGGCGCTCTTTACCGAGTGTGTGAAGTGTGGCTGTAACTTCTACTCAACG	589		
Db 6291	CGACACCTCTGGGGACCTTCAGAGCTCTGGGGCCCTTTGGGGACAGAGTTCACCTCGAATC	6232		
Qy 590	GAAACAACGGAAACACCCCTTTTCAACCCCTGGAAAGTCTCAGTGTACCCCTTGTCTGTGTA	649		
Db 6231	AGAAGAAAGGACATATCAGAAGCCACCTTGGGAAACCCACACTTGGCTCTCGGGATGGCA	6172		
Qy 650	TCAGGCTGTCTAAGTGGCTCAGGCTACCCCTGGGAAACGACGCTTACCATCA	700		
Db 6171	CGACGAGGGGNCACAGGCAACAGGAGCAATGATTCAGGACTCTTAAGTACA	6121		

## RESULT. T. 4

```

RESOLVED 4
US-08-818-112-16
; Application US/08818112
; Sequence 16, Application US/08818112
; Patent No. 6290969
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Dillion, Davin C.
; APPLICANT: Campos-Neto, Antonio
; APPLICANT: Houghton, Raymond
;

```



APPLICATION NUMBER: US/09/056,556  
FILING DATE: 07-APR-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Maki, David J.  
REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 210121.457  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 913 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-056-556-16

Query Match 2.6%; Score 36.2; DB 4; Length 913;  
Best Local Similarity 46.4%; Pred. No. 0.48;  
Matches 110; Conservative 1; Mismatches 126; Indels 0; Gaps 0;

QY 325 GCTGCTATCATCACCAGAGTGTGTAACCTGTGCGCATCAACTTCTTACAACGAGAACGCTCCT 384  
Db 653 GTTGCCACCGCGCGCGGACCCACCGGTCCCGCGCATCCCGCGGTGCGCGTGC 712  
QY 385 AACTTCAACGCTGGAGCTTCTACCTGTACCGTGTCTCTGTGAACCGCGGTGGAGAGCT 444  
Db 713 GCGGCCATTGGTGTCTGAAGCGTTAGCGCGGTTCGCGSGTTCCGCGGTGGCGCC 772  
QY 445 CTGACCGCTGGAAACGCTGTACCATCTGCTCAGTCACTGAGTGAACGCTGTCTTCTACCGGA 504  
Db 773 NTGGCGCGCGCGCGCGCGGTTCGCGTACAGCCACCGCGCGGTTCGCGCGCAT 832  
QY 505 ACCGCTCTGAGACGAGTGTACCGAGTACCGAGTACCGTCTTTTACCGAGTGTGTG 561  
Db 833 GCGGCCATTGCGCGCGTTCGCGCATTCGCGCGGTTCGCGCGCACCGCGCGNTTG 889

RESULT 7  
US-09-072-596-16  
Sequence 16, Application US/09072596  
Patent No. 6458366  
GENERAL INFORMATION:  
APPLICANT: Read, Steven G.  
APPLICANT: Skeiky, Yasir A.W.  
APPLICANT: Dillon, Davin C.  
APPLICANT: Campos-Neto, Antonia  
APPLICANT: Houghton, Raymond  
APPLICANT: Vedvick, Thomas S.  
APPLICANT: Twardzik, Daniel R.  
APPLICANT: Lodes, Michael J.  
APPLICANT: Hendrickson, Ronald C.  
TITLE OF INVENTION: COMPOUNDS AND METHODS FOR DIAGNOSIS OF TUBERCULOSIS  
NUMBER OF SEQUENCES: 350  
CORRESPONDENCE ADDRESS:  
ADDRESS: SEED and BERRY LLP  
STREET: 6300 Columbia Center, 701 Fifth Avenue  
CITY: Seattle  
STATE: Washington  
COUNTRY: USA  
ZIP: 98104-7092  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: PatentIn Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/09/072,596  
FILING DATE: 05-MAY-1998  
CLASSIFICATION:  
ATTORNEY/AGENT INFORMATION:  
NAME: Maki, David J.

REGISTRATION NUMBER: 31,392  
REFERENCE/DOCKET NUMBER: 210121.417C9  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (206) 622-4900  
TELEFAX: (206) 682-6031  
INFORMATION FOR SEQ ID NO: 16:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 913 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-09-072-596-16

Query Match 2.6%; Score 36.2; DB 4; Length 913;  
Best Local Similarity 46.4%; Pred. No. 0.48;  
Matches 110; Conservative 1; Mismatches 126; Indels 0; Gaps 0;

QY 325 GCTGCTATCATCACCAGAGTGTGTAACCTGTGCGCATCAACTTCTTACAACGAGAACGCTCCT 384  
Db 653 GTTGCCACCGCGCGCGGACCCACCGGTCCCGCGCATCCCGCGGTGCGCGTGC 712  
QY 385 AACTTCAACGCTGGAGCTTCTACCTGTACCGTGTCTCTGTGAACCGCGGTGGAGAGCT 444  
Db 713 GCGGCCATTGGTGTCTGAAGCGTTAGCGCGGTTCGCGSGTTCCGCGGTGGCGCC 772  
QY 445 CTGACCGCTGGAAACGCTGTACCATCTGCTCAGTCACTGAGTGAACGCTGTCTTCTACCGGA 504  
Db 773 NTGGCGCGCGCGCGCGCGGTTCGCGTACAGCCACCGCGCGGTTCGCGCGCAT 832  
QY 505 ACCGCTCTGAGACGAGTGTACCGAGTACCGAGTACCGTCTTTTACCGAGTGTGTG 561  
Db 833 GCGGCCATTGCGCGCGTTCGCGCATTCGCGCGGTTCGCGCGCACCGCGCGNTTG 889

RESULT 8  
US-09-613-182-10  
Sequence 10, Application US/09613182  
Patent No. 6294653  
GENERAL INFORMATION:  
APPLICANT: Mayfield, Stephen  
TITLE OF INVENTION: RNA BINDING PROTEIN AND BINDING SITE USEFUL FOR  
TITLE OF INVENTION: EXPRESSION OF RECOMBINANT MOLECULES  
FILE REFERENCE: SCR21775  
CURRENT APPLICATION NUMBER: US/09/613,182  
CURRENT FILING DATE: 2000-07-10  
PRIOR APPLICATION NUMBER: 09/341,550  
PRIOR FILING DATE: 1999-07-13  
PRIOR APPLICATION NUMBER: PCT/US98/00840  
PRIOR FILING DATE: 1998-01-16  
PRIOR APPLICATION NUMBER: 60/035,955  
PRIOR FILING DATE: 1997-01-17  
PRIOR APPLICATION NUMBER: 60/069,400  
PRIOR FILING DATE: 1997-12-12  
NUMBER OF SEQ ID NOS: 14  
SOFTWARE: PatentIn Ver. 2.1  
SEQ ID NO 10  
LENGTH: 2413  
TYPE: DNA  
ORGANISM: Chlamydomonas reinhardtii  
FEATURE:  
NAME/KEY: CDS  
LOCATION: (16)..(1614)  
US-09-613-182-10

Query Match 2.5%; Score 35.8; DB 4; Length 2413;  
Best Local Similarity 46.0%; Pred. No. 1;  
Matches 121; Conservative 0; Mismatches 142; Indels 0; Gaps 0;

QY 360 CAACCTTACAACGAGAACGCTCTCACTTCAACGGTGGAGCTTCTACCTGTACCGCTTG 419  
Db 591 CGACACCTTCAAGTCTTACGCGCGCAAGACCGAGGAGTGTGTCTGTGACGACACACAG 650  
QY 420 TCCTGTGAACCGCGTGGGAGGAGCTCTGACCGCTGGAAACGCTGCTACCATCTGGCTCA 479

Db 651 GCGGAGCTGCGCAAGCCGCGCTGGACCGCTGGACACCGTGTCTCGTCAAGAA 710  
Qy 480 GTGTAACTGTGCTTGTCTACCGAACCCTCTGGAGAGGAGTGAACCCGACTACGT 539  
Db 711 CTTCCCGGTGAGAGCCGCGCCACCGCTCTGGCAGGACATCGACACTGACTCCT 770  
Qy 540 GCGCTCTTCCAGGAGTGTGAAGTGTGCGCTTGAACCTTCTACTACAACGGAACAACGG 599  
Db 771 GACCGCTTCTCAAGTCGAGAGATGCCCCCACCATTGAGTTCAACAGAGAATCTC 830  
Qy 600 AACACCCCTTTCAACCTTGGAA 622  
Db 831 TGACAAGATCTTCAACAGCGCA 853

RESULT 9  
US-08-403-379A-2  
: Sequence 2, Application US/08403379A  
: Patent No. 5756662  
: GENERAL INFORMATION:  
: APPLICANT: Reed, Steven G.  
: TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION  
: OF T. CRUZI INFECTION  
: NUMBER OF SEQUENCES: 9  
: CORRESPONDENCE ADDRESS:  
: ADDRESSEE: SEED and BERRY LLP  
: STREET: 6300 Columbia Center, 701 Fifth Avenue  
: CITY: Seattle  
: STATE: Washington  
: COUNTRY: USA  
: ZIP: 98104-7092  
: COMPUTER READABLE FORM:  
: MEDIUM TYPE: Floppy disk  
: COMPUTER: IBM PC compatible  
: OPERATING SYSTEM: PC-DOS/MS-DOS  
: SOFTWARE: Patent in Release #1.0, Version #1.30  
: CURRENT APPLICATION DATA:  
: FILING DATE: 14-MAR-1995  
: CLASSIFICATION: 435  
: ATTORNEY/AGENT INFORMATION:  
: NAME: Maki, David J.  
: REGISTRATION NUMBER: 31,392  
: REFERENCE/DOCKET NUMBER: 210121.406  
: TELEPHONE: (206) 622-4900  
: TELEFAX: (206) 682-6031  
: INFORMATION FOR SEQ ID NO: 2:  
: SEQUENCE CHARACTERISTICS:  
: LENGTH: 786 base pairs  
: TYPE: nucleic acid  
: STRANDEDNESS: single  
: TOPOLOGY: linear  
US-08-403-379A-2

Query Match 2.4%; Score 34.2; DB 1; Length 786;  
Best Local Similarity 47.8%; Pred. No. 1.7;  
Matches 99; Conservative 0; Mismatches 108; Indels 0; Gaps 0;

Qy 156 CTACAACAACGCTGCTGCTTTCGCTGGAGCTTCTACCTGTACCCCTTGCTCAGAA 215  
Db 576 CAAGACCGCTGCTGCACCTGCGAGGCTGCTGCACCTGCGAAGGCGCTGCTGCACCTGC 635  
Qy 216 GAAGGAGCGCTGAGCTCAGCCTTACCCCTCTGCTGAGGAGTACCTGTGACCCAGTAA 275  
Db 636 GAAGGCGCTACTGCACCTGCGAGGCTGCTGCACCTGCGAAGGCGCTACTGCACC 695  
Qy 276 CGTGAAGTGTCTGCTGGAACCGCTATGCTGGAGGAGTACCGACTAGCTGCTATCAT 335  
Db 696 TCGAAGGCTGTACTGCACCTGCGAAGGCTGCTGCTGCACCTGCGAAGGCGCTACTGC 755  
Qy 336 CACCGAGTGTGAACCTGTCATCAA 362

Db 756 ACCGTTGGAAGAAGGCTGGTGGCAA 782

RESULT 10  
US-08-929-414-2  
: Sequence 2, Application US/08929414  
: Patent No. 5942403  
: GENERAL INFORMATION:  
: APPLICANT: Reed, Steven G.  
: APPLICANT: Haughton, Raymond  
: APPLICANT: Skeiky, Yasir A.W.  
: TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION  
: OF T. CRUZI INFECTION  
: NUMBER OF SEQUENCES: 15  
: CORRESPONDENCE ADDRESS:  
: ADDRESSEE: SEED and BERRY LLP  
: STREET: 6300 Columbia Center, 701 Fifth Avenue  
: CITY: Seattle  
: STATE: Washington  
: COUNTRY: USA  
: ZIP: 98104-7092  
: COMPUTER READABLE FORM:  
: MEDIUM TYPE: Floppy disk  
: COMPUTER: IBM PC compatible  
: OPERATING SYSTEM: PC-DOS/MS-DOS  
: SOFTWARE: Patent in Release #1.0, Version #1.30  
: CURRENT APPLICATION DATA:  
: FILING DATE: 15-SEP-1997  
: CLASSIFICATION: 530  
: ATTORNEY/AGENT INFORMATION:  
: NAME: Maki, David J.  
: REGISTRATION NUMBER: 31,392  
: REFERENCE/DOCKET NUMBER: 210121.406C1  
: TELECOMMUNICATION INFORMATION:  
: TELEPHONE: (206) 622-4900  
: TELEFAX: (206) 682-6031  
: INFORMATION FOR SEQ ID NO: 2:  
: SEQUENCE CHARACTERISTICS:  
: LENGTH: 786 base pairs  
: TYPE: nucleic acid  
: STRANDEDNESS: single  
: TOPOLOGY: linear  
US-08-929-414-2

Query Match 2.4%; Score 34.2; DB 2; Length 786;  
Best Local Similarity 47.8%; Pred. No. 1.7;  
Matches 99; Conservative 0; Mismatches 108; Indels 0; Gaps 0;

Qy 156 CTACAACAACGCTGCTGCTTTCGCTGGAGCTTCTACCTGTACCCCTTGCTCAGAA 215  
Db 576 CAAGACCGCTGCTGCACCTGCGAAGGCTGCTGCACCTGCGAAGGCGCTGCTGCACCTGC 635  
Qy 216 GAAGGAGCGCTGAGCTCAGCCTTACCCCTCTGCTGAGGAGTACCTGTGACCCAGTAA 275  
Db 636 GAAGGCGCTACTGCACCTGCGAAGGCTGCTGCACCTGCGAAGGCGCTACTGCACC 695  
Qy 276 CGTGAAGTGTCTGCTGGAACCGCTATGCTGGAGGAGTACCGACTAGCTGCTATCAT 335  
Db 696 TCGAAGGCTGTACTGCACCTGCGAAGGCTGCTGCTGCACCTGCGAAGGCGCTACTGC 755  
Qy 336 CACCGAGTGTGAACCTGTCATCAA 362  
Db 756 ACCGTTGGAAGAAGGCTGGTGGCAA 782

RESULT 11  
US-09-230-665-3  
: Sequence 3, Application US/09230665  
: Patent No. 632595  
: GENERAL INFORMATION:  
: APPLICANT: Boyer, Stanton L

```

; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (287)..(247)

```

RESULT 14  
US-99-103-840A-2/c  
; Sequence 2. Application US/09103840A  
; Patent No. 6294328  
; GENERAL INFORMATION:  
; APPLICANT: FLETSCHMAN, Robert D.  
; APPLICANT: WHITE, Owen R.  
; APPLICANT: FRASER, Claire M.  
; APPLICANT: VENTER, John C.

```
; TITLE OF INVENTION: DNA SEQUENCES FOR STRAIN ANALYSIS IN MYCOBACTERIUM
; FILE OF INVENTION: TUBERCULOSIS
; FILE REFERENCE: 24366-20007.00
; CURRENT APPLICATION NUMBER: US/09/103,840A
; CURRENT FILING DATE: 1998-06-24
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2
; LENGTH: 4403765
; TYPE: DNA
; ORGANISM: Mycobacterium tuberculosis
; FEATURE:
; OTHER INFORMATION: CDC 1551
; OTHER INFORMATION: "n" bases at various positions throughout the sequence
; OTHER INFORMATION: represent a, t, c or g
US-09-103-840A-2

Query Match          2.4%; Score 33.6; DB 4; Length 4403765;
Best Local Similarity 47.2%; Pred. No. 62;
Matches 102; Conservative 0; Mismatches 114; Indels 0; Gaps 0;

QY 246 TCTACCGTAACTGCTGACCGAGTGAAGTGTGCTGCTGCTGGAACCGGTATCGC 305
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 3937151 TGGCGCGTTACCGCCATTGCCACCTGTGCCGGCTGCGCGCGCTGCCGC 3937092

QY 306 TGGAGAGCTACCGACTACGCTGCTATCATCAGCGAGTGTGAACTGTGCGCATCAACTT 365
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 3937091 CGTCGGCTCCACCTGCGCCGCCGCCACCCACCGCCAGCGTTACCGCCCTTGTCCACCGG 3937032

QY 366 CTACAACGAGAACGCTCTCACTTCAACGCTGGAGCTTCTACCTGTACCGCTTGTCTGT 425
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 3937031 AGCGGGGGGACCGTGCACCGCCGCGGCTGCGCGCGGCTGCGCGCGGACCGC 3936972

QY 426 GAACCGCTGGGAGAGCTCTGACCGCTGGAACGC 461
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 3936971 CGTCGGCGCGGCGCCACCTGACCGCTGCCGCTCCCGC 3936936

RESULT 15
US-08-557-309B-53
; Sequence 53, Application US/08557309B
; Patent No. 5916572
; GENERAL INFORMATION:
; APPLICANT: Reed, Steven G.
; APPLICANT: Skeiky, Yasir A.W.
; APPLICANT: Lodes, Michael J.
; APPLICANT: Houghton, Raymond L.
; TITLE OF INVENTION: COMPOUNDS AND METHODS FOR THE DETECTION AND PREVENTION OF T
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED and BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/557,309B
; FILING DATE: 14-NOV-1995
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Maki, David J.
; REGISTRATION NUMBER: 31,392
; REFERENCE/DOCKET NUMBER: 210121.422
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 53:
```

```
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1235 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-557-309B-53

Query Match          2.4%; Score 33.4; DB 2; Length 1235;
Best Local Similarity 49.2%; Pred. No. 3.7;
Matches 88; Conservative 0; Mismatches 91; Indels 0; Gaps 0;

QY 200 CCCCTTGCTCCTCAGAGAAGGACGCTGGAGCTACGCTTAACCCCTCTCTCTACCGCTAAC 259
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 540 CCGCTGCTGCACCCCGGAGGCCGCTGCTGCACCCCGGAGGCTGCTCTCCACCCCGCA 599
.. QY 260 TGGTGACCCAGTGTAACTGAAGTGTCTCTGCTGGAACCGCTATCGCTGGAGGAGCTACCG 319
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 600 AGCGCGCTGCTCCACCCCGGAGGCTGCTCTCCACCCCGGAGGCTGCTCTCCACCG 659

QY 320 ACTACGCTGCTATCATCACCAGTGTGTGAACTGTGCACTCAACTTCTACAACGAGAAC 378
||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| ||| |||
Db 660 CGAGGCTGCTCTCTGCTCCCGCTTGGAAAAGACCTGCTGTCGCAAGAGTGAAGCGCGCAC 718

Search completed: February 16, 2003, 23:43:45
Job time : 4372.94 secs
```

